

App. F. IX-4

Previous References

1936-7.
(S.O.F.)

File No. 66-36

Serial Nos. 1-6, 7

Letter References

S.O.F. 66-36 (8-13)

41-39-3-4

P. M. ...

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. Seven

P. 35 - (E)

Part B for Nov. 38.

SUBJECT.

Supply of unfiltered water to the Sandal oil factory - Mysore. from
the Bannary

G.O. D 3886-89 dt. 3.11.38

To

Div. S.O. 7 ii Commissioner to Govt

President M.C. Muni. Council:

WD 0286-GPB-22,500-18-8-37

Sanitary Engineer, Bureau of

S. Engineer

Sanctions the proposal ———

Serial
No.

32

D.O. letter No. S.E.-64 dated 12-1-37 from the Sanitary Engineer forwarding copy of his letter addressed to the Director of Industries and Commerce in the matter of water supply to the Sandal Oil Factory at Mysore.

"Asst Secy. L.S.G. to kindly report to me"
M.V.

"Spoke to Dev. Secy."

Note to be put up as to whether the M.V. should not be consulted."

B.M.

-15/1/37---

✓ It is seen from the Sanitary Engineer's letter to the Dir of Ind, that it is proposed to supply unfiltered water to the Sandal Oil Factory by tapping the 24" main from Belagola at the 5th mile stone by a 4" main.

3 Recently the Railway Department wanted to improve the water supply to the Vontikoppal Railway colony at Mysore by a similar arrangement and an estimate was prepared for the purpose. ~~It was then~~ ^{It was then} ~~consulted~~ ^{consulted} as the Ry Department was only a ratepayer and a consumer with reference to the Municipality and as the rate payer could not put up additional mains and increase

Water Supply to Sandal oil Factory at Mysore.

2
 Me File No. 81 3214 3214 of 1936. General and Revenue Secretariat

Serial No.

the water supply to his premises without consulting the Municipality which is responsible for water supply to the whole city.

If the same position holds good in the case of the Sandal oil Factory and the tapping of the main is sure to affect the supply of water to other parts of the city. It seems therefore necessary to consult the Municipality in the first instance.

Submitted for order.

Rmr
 19/1/37

20/1/37

Dev: Secy) Please put up the Railway water supply file referred to

5297
 20/1

MW
 21.1.37
 1/1/37

6 The connected file obtained from the Railway Secretariat is put up as directed.

Rmr
 1/2/37

1/2/37

Dev: Secy)

7. (1) What is the arrangement regarding water supply to the Ray workshop? (2) Please see also the file relating to the land under the workshop is under the 174?

MW
 18.2.37
 1/1/37

122
 7/4

Water Supply to the Sandal Oil Factory at Mysore

General and Revenue
Secretariat

File No. 81

3214

of 1936.

[App. F. III-2]

Serial
No.

10 *Yes*
22/2/37

8 Regarding (1) above, the Director of Health may perhaps be consulted.

9 As regards (2), the control of water supply in Mysore city rests in the Bureau of Sanitary Engineering. The Mysore city Municipal Council meets the cost of all capital works and also $\frac{2}{3}$ of the maintenance charges of the water works, $\frac{1}{3}$ being borne by Govt. File No. 84-26 sub-1, 2 & 6 on the subject is put up as decided.

From
22/2 *Jm*

8
22/2/37

Dir: Secy

11 Water supply has always been an unsatisfactory feature of the operation of the Sandal oil Factory in Mysore. The Kulkarabally tank water is very hard and a large quantity is unavailable so that the water is used again and again for combustion. The result about which there is no doubt is the incrustation of the tubes and their periodical cleaning. Apart from the actual cost, the operation is dislocated and at a time like this we cannot obtain the maximum output.

Water Supply to Sandal oil Factory, Mysore city.

General and Revenue
Secretariat

File No. 81 3214
L of 1936.

5
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No.

inherent.

14 Taking into account, there will be a saving of the expenditure incurred on the Kukkarahalli system at present and the only increase in Belagola is the additional power required for pumping which is negligible.

15 From all points given the scheme seems the best.

Secretary
Thiruv. Secy

16-3-37
16/3/37



Letter no. 2214 of 1936
from the Dir. S. & R.
is the matter of plan
in the file
D. 5123 of 1936

16 The scheme involves an initial expenditure of Rs. 11,000, and an extra recurring expenditure of Rs. 5000 a year, and according to the Director's letter, the Cauvery water is proposed to be used only in times of emergency, when there is not sufficient water in the Kukkarahalli tank, while in the Development Secretary's note, it is suggested that the Cauvery water may be used instead of Kukkarahalli tank water. Which of these proposals is recommended to be sanctioned is not clear.

17 I believe the Sandal Oil Factory is within the municipal limits, and the Municipality may object to our

Water Supply to Sandal Oil Factory, Mysore

b

3214/189

3214

3214

File No.

of 193

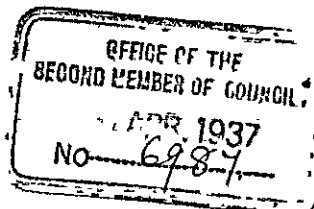
General and Revenue
Secretariat

Serial
No.

JC2337

our making a separate arrangement for the supply of
water to the Sandal Oil Factory, and the Municipality
has perhaps to be consulted.

18 This is a new scheme not provided for in the budget
and involves heavy initial and recurring expenditure,
and the immediate necessity for it is also doubtful accord-
ing to the Director's letter. This may be noted for
consideration at the budget time.



This is rather
an expenditure.

Mr. 5/4

Seintung

Mr. 5-4-37
8/4/37

19 The Director may consult
the President, M. C. M. and let us
know whether there is any difficulty
in giving improved water supply
to the factory at the special rate
proposed by the Secretary.

Mr. 8/4/37

Development Branch

No. 3959/1936/37 of 10-4-37.

20 Forwarded with compliments to the
Director of Sandal Oil Factory for taking
necessary action on the lines indicated by the
Members of Council.

By order
R. S. S. S. S.
For Secretary to Govt.

8/4/37
459/36
10-4-37

Serial
No.

4.6.1937.

No. 2686

1 w.o.
file

503

u/f

Returned with compliments.

21 After reconsideration, I agree with the Development Secretary that it is better we get our main and daily supply from the Cauvery. It has been ascertained that the cost of pumping unfiltered water from - Belagola to Mysore, will be 1 anna 2 pies per 1,000-gallons, exclusive of interest and depreciation - charges. If this is put down at another 4 pies, the cost would come to 1 anna 6 pies per 1,000 gallons. The make-up water that will be required by the Factory every day, would be a maximum of 75,000 gallons. (Recently, we have added 6 more Stills and 4 more will be added in the course of another month or two). At the rate of 1 anna 6 pies per 1,000 gallons, we shall have to pay Rs.2,555/- a year, to cover the cost of - pumping extra 75,000 gallons per day from Belagola to Mysore. To this, we shall have to add interest and depreciation charges on Rs.12,000/- capital expenditure. Putting this at Rs.1,200/- a year, the total cost of getting unfiltered Cauvery water from Belagola would work out to be Rs.3,755/- per annum.

22 When the scheme is sanctioned, we shall have to make an annual grant of Rs.2,500/- to the Municipality or to the Bureau of Sanitary Engineering, who are in charge of the Water Works and provide Rs.1,200/- in the working expenditure of the Factory towards interest and depreciation charges on the new installation. But the scheme can be put through only on the understanding that water from Kukkarahalli-tank will be available

Water Supply to the S.D. at Mysore

5125

File No. 3214/L.

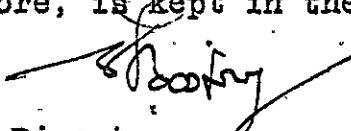
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Secretariat

Serial
No.

always in case of an emergency and also the tank continues under the charge of the Director of Sandalwood Oil Factory, as at present.

23 The President of the Mysore City Municipality has no objection to this arrangement, even though the actual costs have not been discussed with him. He is agreeable to the proposal of the Sandalwood Oil Factory getting unfiltered Cauvery water for its day to-day requirements, keeping the Kukkarahalli-tank water as an emergency reserve. The correspondence between the President and myself is kept in the file. Also the letter from the Director of Public Health furnishing information about the cost of pumping water from Belagola to Mysore, is kept in the file.


Director,
Sandalwood Oil Factory
in Mysore, Bangalore.

SGS:ATK)

24 Subd with ref. to para 19, at the meeting
18-7-37 held in the Demands Chamber on 28 May 1937, it was decided that the subject of getting the supply of unfiltered water from the Cauvery for Condensation purposes in the S.D.R. should be pursued.

all set 6/8-6-37

25 The Dr. Health Officer requests
submit a regularly worked out proposal

MMV
2-7-37

26
18-9-37
DMM

27
14-9-37

14-7-37

General and Revenue
Secretariat

S.O. File No.

66

of 1936.

[App. F. III-2]

Serial
No.

2

Letter No D. 431 of 14.2.37 to the Director of Health

7th copy of the letter received from the Director
and calls for proposals in the matter in consultation
with the Dir. S.O. 7.

- for Mr. J.

14.7.37

3

Letter No 237 dated 18-8-37 from the Dr
S.O. 7 stating that he has counter-signed the
estimate for the work the Public Works Dept
to the V.O. 7. and requesting formal sanction of
Govt.

A detailed estimate has been worked out
by the Public Works Dept and works up to Rs

14273/-. The Dr. reports that he has counter-
signed and requests sanction of Govt.

29 The estimate is for laying 4" C.I. main from
the Rising Main of Belagola to the cistern below the
Kishanahalli tank. The proposal of the Dr
in Para 21 & 22 was to pump water direct
from Belagola independently at a cost of about
Rs 37557/- p.a. If the present proposal to tap
the main in order to supply water to S.O. 7, the cost
there has to be borne by the S.O. 7 has to be ascertained.

From the letter of the Sanitary Engineer it is clear
that the work is to be charged at Rs 1/- per 1000
gallons. The requirement of the Sanitary Engineer is about

May

107 File No.

66

of 1936

General and Revenue
SecretariatSerial
No.

75000 paise per day, the annual payable
by the Municipality will be Rs 75/- per day or nearly
Rs 25000/- p.a. Even if the concessional rate of
8 annas per 1000 paise is adopted the charges
would come up to Rs 12500/-. It is for consideration
whether the Municipality will be satisfied
with the payment of Rs 2500/- p.a. Subj. to

order

Refce - para 25

for Secy

by

11.9.37

13/11

30 The Dr S.O. may discuss the question
with the President and rep. a.

HW.

15.5.37

by

15.9.37

31 Mr. Secy

18.2.9.37

for

32 Issue

by

22.9.37

Letter No. D. 2677 of 28.9.37 to - The Secy. S.O. 4

Requests him to discuss the question in detail
with the President, City M.C. Mysore, with
particular reference to the rates payable to the Municipality
and submit final report on the matter.

Secy Mr.

1-10-37

GEN. & REV. SECRET.
26 OCT. 1937
DEVELOPMENT BRANCH

Supply of unfiltered water to the S.O.F.
from the Cannery 1024
31.6.6.

General and Revenue
Secretariat

File No. S.O.F. 66 of 1936

[App. F. III-2]

Serial
No.

5

Letter no. 636 dated 9th Dec. 1937.
from the Dir. S.O.F. stating that
he discussed the question with the
President of the City M.C. Council, Mysore
and that he felt that the M.C. Council
might be prepared to
supply Cannery water at a concessive
rate if this was taken as the main
supply rather than supply for other
purposes.

33 Subs with refer. to paras 19 & 20
in Memorandum of the Dir. S.O.F. note at
pages 7 and 8.

18.15.12.37 34 What the concessional rate
to the M.C. is likely to offer to be, have to
be ascertained first.

25 The Dir. S.O.F. has stated in his
latest letter that on a careful analysis of
the Kukkareballe & Cannery waters,
he wd. prefer the former water for main
supply & the latter only as a standby. If
that were so there wd. be no concessional
rates by the M.C. Also, the cost of laying
the main & the recurring charges re.
actual supply have to be taken into

Supply of unfiltered water to the S.O.F. from the Bawery -
during emergencies.

12

7115

File No.

66

of 1936

General and Revenue
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Serial
No.

Consideration before deciding if it is
worthwhile incurring at this expense
for an occasional or rare supply. The
factory has gone on working these years
without any add. source of supply, and
the K. Tank does not seem to have
failed during any of these years.

Pro Secy)

36. There seems to be no injury about this
scheme. Maybe taken up later if
necessary.
See Mr. [unclear]

MW.
5-1-38.

10/5
5-1-38

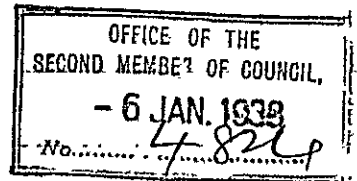
8/1/38.

MW.
8-1-38.

10/5
8/1

Letters nos. 1134 & 16638 and 1968
8-10-38 from the W.M.S. on re-
porting that the water level in
the Kankaraballi Tank is going down
rapidly, &c.

2nd Sub for perusal; the
reports that the present water



311
12/12

Recd.
10-1-38

Supply of unfiltered water

7115
1881

General and Revenue
Secretariat

to be got from the Cauvery.

(13

File No. S.O. 766 of 1936

[App. F. III-2

Serial
No.

level in the Kukkara tank
is rapidly going down, that the
water in the tank at present is
not likely to ensure adequate
supply beyond 3 months and that
measures have to be taken urgently
for supply of unfiltered water
from the Cauvery. This work is
expected to cost about Rs. 14,273.

Sanctioned

10.10.38

11

Order paras 32 to 37 supra.

The level of water in the Kukkara
tank is said to be the lowest on

record. It is stated to be 4' 10" on
8.10.38. It may not last beyond three months.
Other measures have to be

thought of for a steady supply,
though the supply of unfiltered water from
the Cauvery may not be considered
on the ground of cost.

16/10

Dev. Secy.)

Sec. to Govt.

12.10.

18/10

The scheme may be sanctioned
but the work need not be put in hand.

Supply of unfiltered water to 807 from the Coarvery.

File No. 507 66 of 1936.

General and Revenue Secretariat

Serial No.

until the necessity for an alternative source of supply becomes imperative.

WLL

14/10/38

to

Financial Council terms req. 168/14/10

Dev Secy

Financial Secy (w/ complaint)

14/10/38

ASD 20-10-38

Dev Secy

27/10/38

No 2.1-10-38

25/10

168/25/10

Dft Subd.

26/10/38

Dev Secy

27/10

27/10

Sub to the District Member

The District has the personnel that has

DEPT. OFFICE
21 OCT. 1938
No. 27.0.3

GENERAL SECRETARIAT
U.O. No. FL. 108.3...
17. OCT. 1938
BANGALORE

TRAINING SECTION
28. OCT. 1938
GENL. & REV. SECT.

1960
27/10

Serial
No.

meaning for the alternative source of
supply has arisen, that he has spoken
to the Member about this & that the
Member was of opinion that the
scheme may be sanctioned. If approved,
the draft will come, with the bracketed
portion omitted.

2nd member)

31/10/38

He has also
approved this
when the member
was in court & the
Member has decided
S. 1.0. 7.

31/10/38

31/10/38

Issue
11/8
31/10

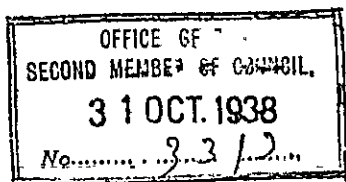
Draft Jais Rure.
(H. Secy.)

3/11

Issue.
4-11-38 3-11-38

G.O. No. D. 3886-89 & 3-11-38

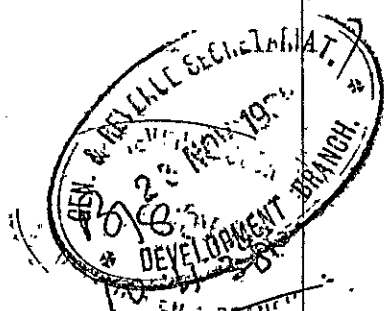
20- The Secy of S.D.
" Comptroller, Mysore City M.C.C.
" President, Mysore City M.C.C.
" Sanitary Engineer, Bureau of Sanitary
Engineering
Sanctions the proposal



R. on 10/11

For 2nd

W.H.



Tel. Address: "SANDAL."

FROM

The Director,

Sandalwood Oil Factory in Mysore,

Mysore. ~~XXXXXXXXXX~~



DEVELOPMENT

Da

No. 118 / D



Sir,

I have the honour to acknowledge
No. 73/S.O.F. with the enclosure file of con
Cold Water Supply to the Sandalwood oil fac

I
Yc

DS/

and Revenue
etariat

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

BUREAU OF SANITARY ENGINEERING

B. R. GARUDACHAR, B.A., O.E.MIE
Sanitary Engineer.

D.O. No. S. E.

Encl.

Dear Mr. Venkatanaranappa:

With reference to our personal conversation, I am herein enclosing a copy of the letter addressed to the Director of Industries and Commerce in Mysore in the matter of water supply to the Sandal Oil Factory at Mysore.

Yours sincerely,

B. R. Garudachar
12-1-37

M. Venkatanaranappa, Esq., B.A., B.L.,
Development Secretary to
the Government of Mysore,
BANGALORE.

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

BUREAU OF SANITARY ENGINEERING

B. R. GARUDACHAR, Esq., B.A., C.E., M.I.E.,
Sanitary Engineer.

No. S. E. 2112
Encl.

"GRACE VILLE," PALACE ROAD,

Bangalore (S. India), dated DECEMBER 7, 1936.

To

The Director of Industries and
Commerce in Mysore, Bangalore.

Sir:

Re: Proposal to get water supplies to the
sandalwood oil factory for the purpose
of condensation from the same source, as
the Mysore City water supply.

With reference to your letter No. 27/7 dated 27th
October 1936 (Camp Mysore) regarding the above, I have
the honor to state that it is possible to supply un-
filtered water to the sandalwood oil factory by tapping
the 24" rising main from Belagola at the 5th mile
stone (opposite to Mr. R.N. Mirza's bungalow) and to run
the line along the Vontikoppal Road until it joins the
Elwal Road and then run it just along the F.S.L. of
Kukkarhally tank till it joins the bund and the same
is continued to the cistern.

If this proposal is accepted, a meter will be
fixed and the consumption of water will be measured and
charged at Re.1/- per 1,000 gallons as in the case of
Mysore Railways, Engine Shed, Mysore. A 4" main
6850' long which is necessary weighs 1,140 cwts. and
at Rs.6-8-0 a cwt. will cost Rs.7,535/-. Including Railway
freight, laying charges etc. the total cost of the work
will come to Rs.11,000/-.

"Copy"

B.R. Garudachar
SANITARY ENGINEER

I have etc.
Sd/ B.R. Garudachar.

Tele { Phone No.—211
Grams —INDUSCOM.

In reply please quote
number, date & short title

S.O. 7.66-36-1
5725
GEN. & REV. SECRETARY
19 MAR 1937

GOVERNMENT OF MYSORE
DEPARTMENT OF INDUSTRIES AND COMMERCE.

From (Name) S.G. Sastry, Esq., B.A., M.Sc., (Lond.)
(Designation) Director of Sandalwood Oil Factory
Station BANGALORE

IMMEDIATE.

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, BANGALORE.

No. 22/4.

Dated 18th Mar.37.

Enclosures.....1 letter.

SIR,

I have the honour to state that the Sandalwood Oil Board at their Meeting held on 27th October '36 desired that the question of arrangements, if any, to be made to ensure adequate supply of cold water to the Sandalwood Oil Factory at Mysore should be investigated. This question was pursued at length with the Sanitary Engineer. The supply of water from the Kukkarahalli-tank is not very satisfactory. This year, as the level of water is going down day by day, and I am having an emergency pumping-set ready for work in case the water level should go down beyond another three feet. The situation this year is causing me anxiety.

The question of getting unfiltered Cauvery water was considered and the Sanitary Engineer is of opinion that it is possible to run a pipeline and arrange continuous supply. The total cost including laying charges, etc., he estimates in his letter No.2112 dated 5th Decr.1936 - copy enclosed - at about Rs.11,000/-. In the interests of safety of continuous water supply to the Factory, I am of opinion that it is better to have the pipeline

Copy of letter No.2112 dated 5/7th December 1936 from the Sanitary Engineer, Bangalore, to the Director of Industries & Commerce in Mysore, Bangalore.

Re.- Proposal to get water supplies to the Sandalwood Oil Factory for the purpose of condensation from the same source, as the Mysore City Water supply.

With reference to your letter No.27/7 dated 27th October 1936 (Camp. Mysore) regarding the above, I have the honour to state that it is possible to supply unfiltered water to the Sandalwood Oil Factory by tapping the 24" rising main from Belagola at the 5th mile stone (opposite to Mr. R.N. Mirza's bungalow) and to run the line along the Vontikoppal road until it joins the Elwal Road and then run it just along the F.S.L. of Kukkarahalli-tank till it joins the bund and the same is continued to the cistern.

If this proposal is accepted, a meter will be fixed and the consumption of water will be measured and charged at one rupee per 1,000 gallons as in the case of Mysore Railways Engine Shed, Mysore.

A 4" main 6850' long which is necessary weighs 1140 cwts. and at ...6/8/- a cwt. will cost Rs.7,535/-. Including railway-freight, laying charges, etc., the total cost of the work will come to Rs.11,000/-.

A. K. Ramesh
Director,
Sandalwood Oil Factory
in Mysore, Bangalore. / 8-3-37

(u)

Appendix F G-1]

SUBJECT

Section S.O.F.
File No. 66-36
Serial No. 2

Diary No. of letter replied to.....

No. D 431
Enl

To

The Director of Health.

General and Revenue Secretariat

Sir,

()
the 193 .

I am directed to forward

herewith copy of Letter no. 2214

Date of issue..... 14-7-37

8183/37 regarding his road for

Mr K. Subba Rao

the supply of impellers with

Signed by *for the*
Dir S.O.F.

from the battery to the S.O.F.

and to request you to be

so good as to submit for the

orders of Govt. a regularly

worked out proposal in the

matter in consultation with

the Dir. S.O.F.

List of enclosures.....

I have to

Copied by

D 432

for 9.7.37
for the Dir.

Examined by.....

1/2-4/5
Enl
(M)

Copy to Dir. S.O.F. with reply to

his letter no. 2214 of 18.3.37

for 9.7.37
for the Dir.

laid out, so that we may use the Cauvery water in any emergency. This emergency may arise this year in about two months time if the tank does not get a good supply by timely rains. This additional - pipe-line does not stand in the way of our getting water from the Kukkarahalli-tank ordinarily. The matter is one of great importance, as the distillation work will be handicapped if sufficient cold-water supply is not ensured. I request you kindly to obtain approval of Government for undertaking this work immediately.

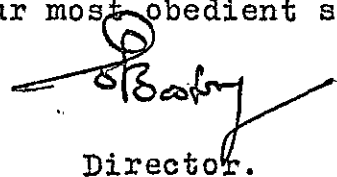
I have already submitted to Government my proposal for the construction of ^{a supplementary Cooling System.} ~~a Cooling-Tower.~~

This is only to bring down the temperature of the water used for distillation purposes and has no reference to the cold-water supply.

I have the honour to be,

S i r,

Your most obedient servant,



Director.

atk)

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No. *D 431/5.0.7.66-342* Dated, Bangalore, *12th* July 193*7*

From

The Secretary to the Government of His Highness the Maharaja of Mysore,
Development Department.

To

The Director of Health in Mysore,
Bangalore.

Sir,

I am directed to forward herewith copy of letter No. 2214 dated 18th March 1937 from the Director of Sandal Oil Factory urging the need for the supply of unfiltered water from the Cauvery to the Sandal Oil Factory and to request you to be so good as to submit for the orders of Government a regularly worked out proposal in the matter in consultation with the Director of Sandal Oil Factory.

I have the honor to be,
Sir,

Your most obedient servant,

Sd/- M. Venkatanaranappa,
Secretary to Government,
Development Department.

Memo No. *D 432*

Copy of the above is forwarded, with compliments to the Director of Sandal Oil Factory with reference to his letter No. 2214 dated 18th March 1937.

S.R.3

By Order,
R. Sivasubramanian
Development Secretary to Government.

Tel. Address: "Sandal" ~~Bangalore~~ Mysore.

1024
20 AUG. 1937
DEVELOPMENT BRANCH
SANDALWOOD OIL FACTORY,
~~BANGALORE~~ 18th August 1937
Mysore.

No. 237

Ends: 2

FROM

S. G. Sastry, Esq., B.A., M.Sc. (Lond), F.C.S.,
Director, Sandalwood Oil Factory,
Mysore. ~~Bangalore~~

To

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, Bangalore.

Sir,

I have the honour to enclose herewith a copy of letter No.S.E. 678 dated 16/17th August 1937 from the Sanitary Engineer, Department of Health, requesting me to countersign an estimate for Rs 14,273/- for the purpose of providing unfiltered water from the Cauvery to the Sandalwood Oil Factory. I beg to inform you that I have countersigned the estimate and requested him to take up the work. I shall be obliged for the necessary formal sanction of Government.

I have the honour to be,
Sir,
Your most obedient servant,

S. G. Sastry
Director.

5/25

6/27

Letter No.S.E. 678 dated 16/17th August 1937 from the Sanitary Engineer, Department of Health, Bangalore to the Director, Sandalwood Oil Factory, Mysore.

With reference to your letter No.2214 dated 18th March 1937 to the address of the Secretary to the Government of Mysore, Development Department, Bangalore, regarding the need for the supply of unfiltered water from the Cauvery to the Sandalwood Oil Factory; I have the honour to forward herewith an estimate amounting to Rs 14,273/- for the above together with necessary report, plan, etc., for favour of countersignature and providing funds and early return for taking further needful action in the matter.

Report to accompany the estimate for laying 4" C.I. main from the Rising main of Belagola to the cistern below Kukkarahally Tank.

Amount of estimate Rs 14,273/-.

With reference to letter dated 27th October 1936 from the Director of Sandalwood Oil Factory in Mysore, a preliminary report was forwarded to the Director of Industries and Commerce with this office No.2112 dated 7th December 1936 in which a rough estimate of Rs 11,000/- was given for laying a 4" C.I. main of 6,850' long calculating the cost at Rs 6-8-0 a Cwt, for pipes the then prevailing rates.

This report was sent to Government by the Director of Sandalwood Oil Factory with his No. 2214 dated 18th March 1937. The Government called for a regularly worked out proposal in consultation with the Director of Sandalwood Oil Factory in Development Secretary's letter No.D.431/S.O.F dated 14th July 1937. Accordingly a detailed estimate is prepared.

The estimate provides a 4" C.I. main to a length of 7,000' and also necessary specials, etc.

As the rate for C.I. pipes were increased from Rs 6-8-0

to Rs 8/- per Cwt., the cost of the estimate is increased to Rs 14,273/- as against the previously furnished roughly estimated figure of Rs 11,000/-.

The rates for labour and other works are as per current schedule and the calculations for arriving at this size are herein enclosed.

Establishment, tools and plant charges at $12\frac{1}{2}$ per cent are also included as usual. Early sanction to the estimate is solicited.

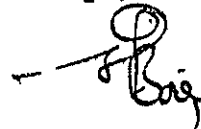
Calculation sheet for arriving at the size of pipes.

The R.L. of the Hydraulic gradient on the main in this proposal is 2,566.00. Even taking it as the same as the outlet at the settling tanks, i.e., 2,560 the fall available is 84' over a length of 6,850' or $\frac{84 \times 3}{6,850} = 0.036$ per yard. The discharge required by the Factory is 60,000 to 70,000 gallons a day.

Calculating for 100,000 gallons a day the discharge will be 69.5 or 70 gallons a minute.

For this discharge the loss of head in 24" main is 0.0197' per yard and that in a 3" main is 0.038'. Hence a 4" main is required for this duty to allow for incrustation loss at bends, etc.

" C o p i e s "



Director,
Sandalwood Oil Factory.

Estimate of the probable cost of supplying unfiltered Cauvery water from the City Supply main to the Sandalwood Oil Factory, Mysore.

	L.	B.	D.	Contents.	Total
1. 4" C.T. Pipe "B" Class Main socket and spigot ends. R.ft. 7,000' or 778 pipes each 9' long weighing 1 Cwt. 2 Qrs. 4 Lbs.	Cwt.	8		1,195	9,560
2. 4" Sluice valves with tail pieces.	No.	45		2	90
3. 4" x 2½" Tee	"	10		2	20
4. 2½" sluice valves with tail pieces.	"	35		2	70
5. 1½" air valve with stop cock etc.	"	25		1	25
6. 2" water meter with stainer	L.S. Rs				200
7. Making connections with 24" Rising main and special etc.	L.S. Rs				250
	R Total materials.				10,215
1. Earth work excavation					
Refilling and tamping					
7,000 x 3 x 3 = 63,000					
Exterior					
200 x 3 x 1 600					
Exterior					
400' x 15' 6,000					
Total in 69,600					
c.ft. or					
2,580 C.yards.					
Gravel	C.Yd.	3	-	861	161
Soft rock	"	6	-	1,720	645
2. Making 4" Lead joints with laying pipes cuts, etc.	Each	2	-	100	200
3. Making 4" cement joints with laying pipes cuts, etc.	"	8	-	700	350
4. Constructing masonry cistern for stop valves	"	50	-	1	50
5. Constructing masonry cistern for meter with C.I. surface box etc.	"	50	-	1	50
6. Railway freight etc.	L.S.			Rs	200
7. Conveying C.I. pipes and Specials from Railway station to site.	Cwt.	16	-	1,200	112
	Total of labour				1,868

	B.F.	Rs 10,215
		1,868
Total materials and labour		12,083
Add contingencies at 5 per cent		604
		12,687
Add establishment, tools and plant charges at 12½ per cent.		1,586
Grand total	Rs	14,273½

Rupees fourteen thousand two hundred and seventy-three only.

Sd/- N. Krishna Iyengar,
Sanitary Engineer,
Bureau of Sanitary Engineering.

SUBJECT

Section 50.7
File No. 66-36
Serial No. 4

Diary No. of letter replied to.....

No. B 2677.

To

The Director, S.O.F.

General and Revenue Secretariat

Aransin

()
the 193 .

Date of issue..... 28.9.37

Signed by..... Dr. K. Subbarama

List of enclosures.....

Copied by..... U.K. 75

Examined by.....

With refer. to your letter
no. 2378 18.8.1937 stating
that you have considered
an estimate for Rs. 14,273/-
for supply of impurities material
from the Cannery, S.O.F.
I am desirous to request
you to discuss the question
is already with the President
of the Council, Mysore, with
particular refer to the rates
payable for the material, and to
submit your final report
in the matter for the orders
of Govt.

Y.S.
22.9.37

Mr.S.G.Sastry, B.A., M.Sc.,(Lond.)
Director.

GOVERNMENT OF MYSORE

ADDRESS FOR TELEGRAMS:
SANDAL
BANGALORE

CODE USED: "BENTLEY'S"

S.O. 7. 66-36-5

Office of the Director,
SANDALWOOD OIL FACTORY
Mysore.

~~Bangalore~~, 9th December 1937.

No. 636
Enc.

Dear Sir,

Refce:-- Your D.O.Letter No.D.2677/S.O.F.
66-36-4 dated 27/28th September 1937.

Subject:-- Rates payable for unfiltered
Cauvery water.

I beg to inform you that I had a discussion with the President of the City Municipal Council, Mysore, on this subject about a fortnight ago. During the time of discussion one of the points to be decided was whether the Sandalwood Oil Factory would like to retain the Kukkarahalli tank water as the main supply and have the unfiltered Cauvery water for emergent needs only; or in the alternative to have the -- Cauvery water as a main supply and the Kukkarahalli-tank water for emergent needs only.

I informed the President that I have had both the waters analysed carefully and I find that it is better that we continue to use the Kukkarahalli tank water as before and make use of the Cauvery water for emergent needs only.

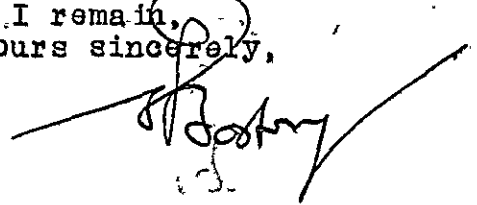
The President, City Municipal Council, informed me that he was not able to see any good claim for a concession in rates if the unfiltered water supply should be made use of only in emergencies. He felt that the Municipal Council

- 2 -

might on the other hand be prepared to supply this water at a concession rate if this was taken as the main supply, keeping the Kukkarahalli tank as a stand-by, particularly as this would release, more fully than at present, the Kukkarahalli tank supply for replenishing the Municipal bathing ponds and Dhoby Ghat below the Tank.

I request that Government orders may kindly be issued to take up the work of laying the pipe-line for which estimates have already been submitted to Government.

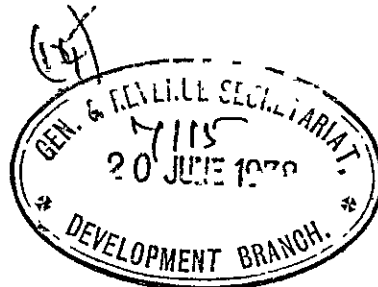
I remain,
Yours sincerely,



M. Venkatanaranappa Esq., B.A.,
Secretary to Government of Mysore,
Development Department.
Bangalore.

Tel. Address : "SANDAL" MYSORE.
Telephone No. 362.

GOVERNMENT OF MYSORE.



Mr. S. G. SASTRY, B.A., M.Sc. (Lond.),
Director.

Office of the Director,
Sandalwood Oil Factory, Mysore.

Dated 16th June 1938

No. 1834
Encl.

S.G.S.-74-371

Dear Mr. Venkatanaranappa,

The water level at the Kukkarahally-tank, which supplies the condensers in the Factory with cooling water, has been recorded to-day as 5'-9 $\frac{1}{2}$ ". This is about the lowest level recorded for the last four years. I note below the water levels in the month of June of the previous four years.

1937.	...	8'-10"
1936.	...	10'-2"
1935.	...	11'-10"
1934.	...	13'-2"

I am afraid that the rains (if) continue to fail, the Factory will have no other alternative but to - instal a pump on the tank bed and pump the water to the channel. This is simply an emergency measure. It may after all be a wise thing and in the interests of the safety of water supply to the Factory to have the pipe-line put up for the supply of unfiltered water from the Cauvery.

A.

Q This question has been raised by the Engineer in charge of the water supply to the Factory. It seems to be an emergency matter. I am not sure about this. I am not sure about this. I am not sure about this.

Subd for information

10.22.6.38.

Yours sincerely,

The action indicated at
A. may be appropriate

M. Venkatanaranappa, Esq., B.A.,
Development Secretary to the
Government of Mysore,
Camp: Mysore.

Has not this year
May be filed

11.7.38.

11.7

atk).

Tel. Address: "SANDAL" MYSORE.
Telephone No. 362.

GOVERNMENT OF MYSORE.

Office of the Director,
Sandalwood Oil Factory, Mysore.

Dated 8th October 193 8.

No. 196
Encl. *one*

FROM

S. G. SASTRY, Esq., B.A., M.Sc. (Lond.),
Director, Sandalwood Oil Factory.

TO

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Government of Mysore,
Development Department, Bangalore.

SIR,

I have the honour to state that the water level in the Kukkarahally-tank is going down rapidly and the level to-day stands at 4'-10". I enclose a statement showing the water levels during the twelve months for the last four years. It is observed that the present level is the lowest on record and consequently has given rise to anxiety especially when the prospects of any good rain fall in the coming months are not encouraging. I expect that the water now in the tank will last not longer than three or four - months, within which time measures for the continuous supply of cold water should be completed. In the circumstances, I have to refer to the proposals that I submitted to Government in my letter No.2214 dated 18th March 1937, of laying a pipe line for the supply of unfiltered water from the Cauvery. I request that in the interest of the safety of water supply to the Factory, the sanction of Government to my proposals may kindly be expedited.

I have the honour to be,

S i r,

Your most obedient servant,

[Signature]

Director.

atk).

D. 5125-36
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S.O. 7. 66-36-6

(15)

18/10

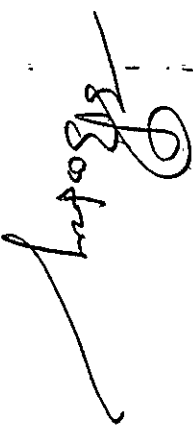


(10)

Kukkaraahall Tank water level shown at the end of every month.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1934.	13'-2"	12'-10"	14'-2"	13'-10"	13'-6"	13'-2"	12'-10"	12'-6"	12'-2"	12'-1"	11'-9"	11'-5"
1935.	11'-1"	10'-9"	12'-10"	12'-6"	12'-2"	11'-10"	11'-5"	11'-0"	10'-9 $\frac{1}{2}$ "	11'-11"	11'-7"	11'-3"
1936.	10'-10"	10'-6"	11'-3"	10'-10"	10'-6"	10'-2"	9'-10"	9'-6"	9'-3"	8'-11"	8'-7"	8'-3"
1937.	8'-0"	7'-8"	9'-9"	9'-6"	9'-2"	8'-10"	8'-6"	8'-3"	8'-10"	9'-9"	11'-2"	10'-9 $\frac{1}{2}$ "
1938.	10'- $\frac{3}{4}$ "	8'-11 $\frac{1}{2}$ "	7'-9"	7'- $\frac{1}{8}$ "	6'-2 $\frac{1}{2}$ "	5-5 $\frac{1}{2}$ "	4-11 $\frac{1}{2}$ "	4'-11"	4'-11 $\frac{1}{2}$ "			

(On 7th Oct. 38- 4'-10")


Director,
Sandalwood Oil Factory.

SUBJECT

Diary No. of letter replied to.....

General and Revenue Secretariat

the

193

Section S.O.7.

File No. 66-36

Serial No. 7

Proceedings of the Government of
His Highness the Maharaja of Mysore.

Date of issue..... 3.11.38 1938

Signed by *[Signature]**has been abnormally
low and consequently
there may be a failure*

May this be—

(i) printed?

(ii) treated as a standing order?

(iii) published in the Gazette,
English Part?

(vi) translated?

(v) placed at the disposal of the press?

(vi) published in the Gazette,
Kannada Part?

Read— Correspondence end-

ing with letter no. 196 d 8/10/38
from the Dir. S.O.7. reporting*the water level in the**Uthkarakahally tank gives
rise to anxiety in regard**to the water supply to the
with to meet 3 or 4 months,*S.O.7. *requesting
for an alternate scheme of water supply
Order thereon. No.**sanction to run a pipe
line for getting impure
canvey water by tapping
the 24" rising main from**Belagola at the 5th mile
stone at a total estimated**cost of Rs 14,273/-*

Order No. 103886-89 d. 3.11.38

Sanctioned [with the direction that the work need not be put in hand until the necessity for ^{an} ~~an~~ alternative source of ^{water} supply ^{to the S.O.F} becomes imperative]

for
11/5/38
27.10.38
Dev Sec

To The Dir. S.O.F.

" Compt. & through 70 4/6

" President, Mysore Univ.
Mysore

" Sanitary Engineer, Bureau of
Sanitary Engineering

List of Enclosure

Copied by

Examined by

19

PROCEEDINGS OF THE GOVERNMENT OF MADRAS
THE LEGISLATIVE COUNCIL

Read.

Correspondence ending with letter No. 125 dated 28th October 1933 from the Director of Sandalwood Oil Factory reporting that the water level in the Kulkarabally tank has been abnormally low and consequently there may be a failure of water supply to the Sandalwood Oil Factory within the next 3 or 4 months, and requesting sanction for an alternative source of water supply by running a pipeline for obtaining unfiltered tankery water during an emergency by tapping the 24" main from Solapur at the 5th mile stone at a total estimated cost of Rs. 14,275/-

Order No. *G 3886-89 / 65-66-36-7*

Dated, Madras, 1st November 1933.

Sanctioned.

W. V. V. V.

For Secretary to Government,
Development Department.
18.

- 1. Director, Sandalwood Oil Factory, Mysore.
- 2. Comptroller to the Government of Mysore through Financial Secretariat.
- 3. President, Mysore City Municipality.
- 4. Sanitary Engineer, Bureau of Sanitary Engineering.

DEPARTMENT OF HEALTH

20

BUREAU OF SANITARY ENGINEERING

N. KRISHNIENGAR, ESQ., B.E.,

Sanitary Engineer.

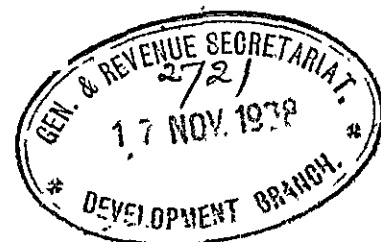
Bangalore (S. India), dated 15th November 1938.

No. 1910

Encl.

To

The Secretary,
to the Government of Mysore,
Development Department, Bangalore.



Subject:- Supplying unfiltered Cauvery Water
from the rising main of Belagola to the Sandal
Wood Oil Factory, Mysore.

Sir,

with reference to Government Order No. L.3886-89/G.O.E. 66-36-7
dated 3-11-38, sanctioning the estimate for the above, for Rs. 14,273/- I
have the honour to request, that the sanctioned estimate in question may
kindly be returned early to this office, so that early action in the
matter may be taken.

I have the honour to be,
Sir,
Your most obedient servant,

N. Krishniengar

SANITARY ENGINEER.

Subd with a draft

18.11.38.

N.

15/11
18.11.38.

SUBJECT

Section S.O.F.

File No. 66-36

Serial No. -

No.

66506

Diary No. of letter replied to.....

To

The Sanitary Engineer,

Bureau of San'y Engineering,

Dept. of Health,

Bangalore

General and Revenue Secretariat

()
the 193

Date of issue.....

21.11.38

Signed by

M. S. K.

Sir,

With refer. to your

letter no. 1910 B 16/11. 1938

requesting the return of

the Estimate for Rs. 14273/-

for supply of unfilted

water from the Cauvery to

the S.O.F. I am directed

to state that the estimate is

stated to have been comm.

prepared and sent to you by

the Dir. S.O.F. 26.11.38

as per your office, it was not

List of enclosures.....

Copied by

Sd/- 66-363-4.

Examined by

be obtained from the

Dir. S.O. 7: --

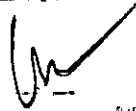
I have etc
19/11

For Steep

Copy to Dir. S.O. 7. with

ref. to his letter no 237 d. 18.8.37

Bo



For Steep

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